



2024

CERTIFIED FRONTEND DEVELOPER

Master the Art of Frontend Development with ASB!

Step into the vibrant world of front-end development with ASB! Whether you are a coding newbie or a seasoned developer seeking to hone your craft, our course is your launchpad to learn how to build interactive websites and bring captivating interfaces to life.

Our course focuses on imparting adequate knowledge of programming languages, tools, and techniques required to develop interactive elements, craft responsive layouts, and become a UI/UX whiz.

With our hands-on project-oriented Frontend Developer course, you will learn to create websites and web apps and gain insightful tips from industry experts.

Join ASB's Frontend Developer Course and unlock your potential to make stunning user-friendly interfaces that drive the web.

As per the latest analysis by Grand View Research, the global market for React.js development services will grow to \$28.6 billion by 2027, indicating a promising future for professionals skilled in front-end development.

Key Features



COURSE LENGTH
2 months



CLASS SIZE
20 Students



EFFORT
10 Hours a Week



LIVE PROJECTS



MODEL
Instructor - led



TRAINING
80% Practical, 20 % Theory



Syllabus / Curriculum

Module 1 Understanding HTML & CSS

- ✔ HTML Fundamentals
 - HTML Structure
 - HTML Elements, Attributes, and Entities
 - Text Formatting
 - Lists and List Items
 - Links and Navigation
- ✔ Other HTML Elements
 - Tables & Forms
 - Forms Validations
 - Graphics & Multimedia (Image, Picture, Audio, Video)
 - Semantic HTML (Header, Footer, Section, Article)
 - Meta Tags (for SEO)
- ✔ CSS Basics
 - Selectors and Properties
 - Box Model
 - Box-Sizing
 - CSS Units (em, px, rem, etc.)
 - Colors and Typography
 - Backgrounds and Borders
- ✔ Positioning & Layout Techniques
 - Position & Display
 - Relative & Absolute Positioning
 - Float & Clear (for historical context)
 - Flexbox
 - Grid Layout
 - Responsive Web Design
 - Media Queries
 - Responsive Layouts
 - Mobile-First Design
- ✔ Advanced CSS
 - Transitions
 - Animations
 - Transformations
 - Advanced Selectors (pseudo-classes & pseudo-elements)
- ✔ CSS Preprocessors and Frameworks
 - Introduction to SASS/SCSS
 - CSS Frameworks (e.g., Bootstrap)

Module 2 Introduction to JavaScript

- ✔ JavaScript Basics
 - History and evolution
 - JavaScript in web development
 - Variables and Data Types
 - Declaring variables
 - Primitive and reference data types
 - Control Flow
 - Conditional statements
 - Looping structures
- ✔ Functions and Objects
 - Functions in JavaScript
 - Parameters and return values
 - Arrays and Objects
 - Creating and manipulating objects
- ✔ Document Object Model (DOM) Manipulation
 - Introduction to the DOM
 - Understanding the DOM structure
 - Accessing and modifying elements
 - Events and Event Handling
 - Handling user interactions
 - Event listeners and callback functions
- ✔ Advanced JavaScript Concepts
 - Closures and Scope
 - Understanding lexical scope
 - Creating and using closures
 - ES6+ Features
 - Arrow functions, template literals, destructuring
 - Let and const, spread, and rest operators

Module 3 **Responsive Web Apps with React**

Introduction to React

Introduction to React
Understanding React and its role in web development
Setting up a React development environment
JSX syntax and its relationship with JavaScript

Components and Props

Creating functional and class components
Understanding props and state
Component lifecycle methods

State and Events

Managing state in React components
Handling events in React
Form handling and controlled components

React Router

Introduction to React Router for Navigation
Setting up routes and navigation in a React application

Styling in React

CSS-in-JS libraries (e.g., styled-components)
Theming and styling best practices in React

State Management

Introduction to State Management in React
Context API for state management
Global state with Redux (basic concepts)

Hooks

Understanding React Hooks (useState, useEffect, useContext, etc.)
Building custom hooks for reusability

Advanced React Patterns

Higher-Order Components (HOCs)
Render Props
Component composition patterns

Testing in React

Introduction to testing libraries (Jest, React Testing Library)
Writing unit tests for React components

Module 4 **Final Project and Practice**

On successful completion of the programme,
you will earn a coveted certificate as **Antier School of
Blockchain.**



* The Certificate shown above is for indicative purpose only. The actual certificate may vary.



VIKRAM R SINGH

CEO
Founder, Antier Solutions.



SHASHI PAL

Chief Operating
Officer



VISHAL SHARMA

Head - Learning &
Development



ANKIT BHATIA

Chief Training Officer/
Technical Project Manager



AJAY MITTAL

Academic Program
Advisor And Mentor



KARAN BHAI

Head - Business
Intelligence



ROHIT KUMAR

Software Developer
Cum Trainer



UDAYVEER SINGH

Lead Trainer
B.Tech, CSE



SAURABH KAWATRA

Technical Software
Trainer



GAGANDEEP SINGH

Product Head

Best-in-Class
Blockchain
Industry Experts

Internship and Placement Opportunity on **Successful Completion.**

Career Options After Course Completion.

- ✔ Business Analysts
- ✔ Product Managers
- ✔ Entrepreneurs
- ✔ Project Managers and Team Leads
- ✔ Professionals Working with Managerial, Strategic, or Operational Functions
- ✔ Developers and Software Engineers
- ✔ Technology Leaders



Certificate Programme in **FRONTEND DEVELOPER**

YOUR DREAM CAREER! JUST A CLICK AWAY !!!



Any questions?

CONTACT ME



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